

Converting Colors

XYZ(45.1662, 35.1605, 51.0500)

Have a look what the booklet for
XYZ(45.1662, 35.1605, 51.0500)
contains.

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Color

**XYZ(44.9675, 35.0193,
50.8437)**

Conversions

Conversions Part 1

Format	Color
Hex	D587BA
RGB	213, 135, 186
RGB Percent	84%, 53%, 73%
CMY	0.1647, 0.4706, 0.2706
CMYK	0.00, 0.37, 0.13, 0.16
HSL	321°, 48%, 68%
HSV	321°, 37%, 84%
XYZ	44.9675, 35.0193, 50.8437
YIQ	164.1360, 30.1170, 32.3970

Conversions

Conversions Part 2

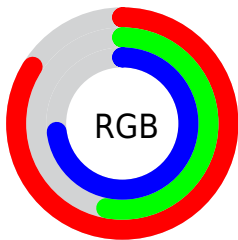
Format	Color
R _{YB}	213, 135, 186
Decimal	13993914
CIE _{Lab}	65.76, 37.17, -14.19
CIE _{LCh}	66, 39.791, 339.105
Yxy	35.0193, 0.3437, 0.2677
Android (android.graphics.Color)	4292183994 (0xFFD587BA)
YUV	164.1360, 10.7790, 42.8537
Hunter-Lab	59.1771, 32.0786, -9.5167

Details

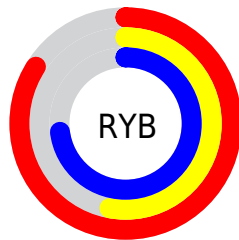
The XYZ color **44.9675, 35.0193, 50.8437** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **40.3091, 55.3491, 42.7439**, and the grayscale version is **35.2926, 37.1305, 40.4351**.

A 20% lighter version of the original color is **75.4646, 64.0660, 92.3930**, and **21.2315, 15.0481, 23.9758** is the 20% darker color. If you saturate the color by 10%, you get **41.5240, 29.3541, 45.9278**, and if you desaturate by 10%, it is **49.0481, 41.8928, 56.1723**.

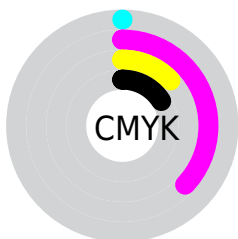
Distribution



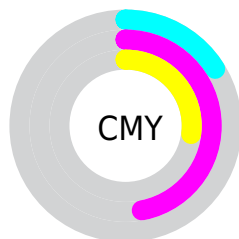
- Red (84%)
- Green (53%)
- Blue (73%)



- Red (84%)
- Yellow (53%)
- Blue (73%)



- Cyan (0%)
- Magenta (37%)
- Yellow (13%)
- Black (16%)





- Cyan (16%)
- Magenta (47%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.9675, 35.0193, 50.8437 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 44.9675, 35.0193, 50.8437 by changing the saturation by 10% instead.


 44.9675, 35.0193,
50.8437

 44.9675, 35.0193,
50.8437


357.4278,
324.6535, 406.7854


 31.6330, 23.6777,
35.7084


 81.9090, 67.5157,
92.8328

 21.2355, 15.0947,
23.9211


 106.2467, 89.4393,
120.5237

 13.4097, 8.8859,
15.0635

 134.9829,
115.6590, 153.2368

 7.7902, 4.6668,
8.7168

168.4828,
146.5593, 191.3908

 4.0117, 2.0531,
4.4627

207.1120,
182.5244, 235.4041

 1.7087, 0.6381,
1.8824

251.2356,

 0.4617, 0.0000,

223.9390, 285.6953

0.4815

301.2191,
271.1872, 342.6829

■ 0.0000, 0.0000,
0.0000

■ 44.9675, 35.0193,
50.8437

■ 44.9675, 35.0193,
50.8437

■ 41.5240, 29.3541,
45.9278

■ 49.0481, 41.8928,
56.1723

■ 38.6781, 24.8209,
41.4073

■ 53.7958, 50.0355,
61.9254

■ 36.3908, 21.3421,
37.2667

■ 59.2427, 59.5097,
68.1170

■ 34.6169, 18.8283,
33.4876

■ 65.4175, 70.3725,
74.7594

■ 33.3036, 17.1751,
30.0493

■ 72.3476, 82.6774,
81.8644

■ 32.3835, 16.2484,
26.9261

■ 77.5178, 91.3930,
88.5963

■ 32.1204, 16.0181,
25.9267

■ 78.5770, 91.8167,
94.1742

■ 79.6806, 92.2582,
99.9856

■ 80.8291, 92.7176,
106.0333

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



40.9143, 35.0193, 69.0737



44.9675, 35.0193, 50.8437



45.7039, 35.0193, 33.2452

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



44.9675, 35.0193, 50.8437



31.5323, 35.0193, 14.3089



25.2804, 35.0193, 62.3368

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



44.9675, 35.0193, 50.8437



40.3091, 55.3491, 42.7439

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



23.3477, 35.0193, 43.4714



44.9675, 35.0193, 50.8437



26.6681, 35.0193, 18.1622

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



44.9675, 35.0193, 50.8437



37.4698, 35.0193, 15.2206



23.8241, 35.0193, 27.7349



29.4237, 35.0193, 76.9485

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



44.9675, 35.0193, 50.8437



44.1389, 35.0193, 24.4822



23.8241, 35.0193, 27.7349



24.3741, 35.0193, 56.0906

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



44.9686, 35.0209, 50.8444



85.2211, 82.7811, 98.1050



35.3738, 29.7111, 66.8218



18.0014, 17.3023, 20.7261



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



44.9686, 35.0209, 50.8444



63.4477, 45.8110, 70.5720



41.4512, 33.6140, 32.3223



12.7619, 12.5563, 14.6865



19.6702, 9.8044, 16.0993



1.2247, 0.6067, 1.1728

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



44.9686, 35.0209, 50.8444



63.4477, 45.8110, 70.5720



44.2125, 56.9105, 63.2992



12.7619, 12.5563, 14.6865



19.6702, 9.8044, 16.0993



1.2247, 0.6067, 1.1728

Previews

White Background



This preview shows how the XYZ color 44.9675, 35.0193, 50.8437 looks on a white background.

Color Contrast Check

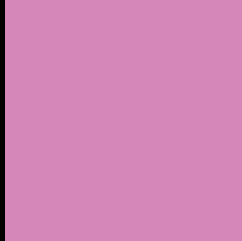
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 44.9675, 35.0193, 50.8437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.9675, 35.0193, 50.8437

Background



This preview shows how black text looks on a background with the XYZ color 44.9675, 35.0193, 50.8437.



This preview shows how white text looks on a background with the XYZ color 44.9675, 35.0193,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

44.9675, 35.0193, 50.8437

Protanopia

35.2820, 35.1075, 60.7940

Deuteranopia

35.8490, 35.1537, 49.1519



Tritanopia

41.4869, 34.8721, 34.2501

Trichromacy



Original Color

44.9675, 35.0193, 50.8437

Protanomaly

37.8834, 34.5689, 56.9003

Deuteranomaly

38.4286, 34.5438, 49.4420

Tritanomaly

42.5118, 34.8472, 39.6075

Monochromacy



Original Color

44.9675, 35.0193, 50.8437

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

38.1290, 35.7061, 43.9121

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.9675, 35.0193, 50.8437 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(213, 135, 186)` looks like.

```
.text, #text, p{  
    color:rgb(213, 135, 186)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(213, 135, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 135, 186) }
```

Border

The CSS property to change the border of an element to XYZ 44.9675, 35.0193, 50.8437 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(213, 135, 186) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(213, 135, 186) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(213, 135, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 135, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 135, 186);  
box-shadow:4px 4px 4px 4px rgb(213, 135,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 44.9675, 35.0193, 50.8437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 135, 186) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(213,  
135, 186) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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